## RULE 63 (37 C.F.R. 1.63) DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION FUNITED STATES PATENT AND TRADEMARY OF

48085 - US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declar that my residence, post office address and citizenship are as stated below next to my name, and I believ I am the original first and sole inventor (if only on nam is ilisted below) or an original, first and joint inventor (if plural names are listed below) of the subject mathematical that it is sought on the invention entitled.

| 1  | pecification of which (check applicable box  | ((3)).   |  |   |   |
|--|--|--|--|---|---|
| X  | is attached hereto   |  |  |   |   |
|  | was filed on   | as U.S. Application Serial No.   |  |   | (Atty Dkt. No. ).   |
| <u>.                                    </u>   | was filed as PCT international application   |  | on .   |   | <del></del>   |
|  | (if applicable to U.S. or PCT application)   |  |  |   | <del></del> ·   |
| refer<br>here<br>id ni   | by state that I have reviewed and understated to above. I acknowledge the duty to disby claim foreign priority benefits under 35 Utified below any foreign application for pater ity is claim d, before the filing date of this a  | close information which is materia<br>S.C. 119/365 of any foreign appliant<br>or inventor's certificate having a   | I to the patentability<br>cation(s) for patent (   | of this application in accorda<br>or inventor's certificate listed t  | ince with 37 C.F.R. 1.5<br>below and have also  |
|  | Foreign Application(s):  |  |  |   | Priority Claimed  |
|  | Ication Number   | Country  |  | Day/Month/Year Filed  | Yes No  |
| 09-  | -030403  | Japan  |  | 14/Feb./1997  | x   |
| 09   | -030404  | Japan  |  | 14/Feb./1997  | x   |
| 09   | –110836  | Japan  |  | 28/April/1997   | x   |
| 09   | _173947  | Japan  |  | 30/June/1997  | x   |
| 09   | –213626  | Japan  |  | 7/Aug./1997   | x   |
| 09   | -214939  | Japan  |  | 8/Aug./1997   | x   |
| 09   | -214940  | Japan  |  | 8/Aug./1997   | x   |
|  | -214941  | Japan  |  | 8/Aug./1997   | x   |
| 88   | -214843<br>-354843   | Japan  |  | 8/Aug./1997<br>25/Dec./1997   | x   |
|  |  | Japan<br>Japan   | <del></del>  | 25/Dec /1997  | <u> </u>  |
| I her  | eby claim the benefit under 35 U.S.C. §119   | (e) of any United States provisions  | al application(s) liste  | ed below. Dec . / 1997  | Α.  |
| App  | ication Number   | Filing Date  |  |   |   |
|  | r U.S./PCT Application(s):<br>lication Serial No.  | Day/Month/Year   |  |   |   |
| •  | ication containto.   |  | r neu  |   | pending, abandone   |
| I her<br>and<br>both<br>pate<br>num<br>colle<br>resu<br>Rich<br>Mitc   | eby declare that all statements made herein further that these statements were made windled, under Section 1001 of Title 18 of the Unite nt issued thereon. And I hereby appoint Nilber (703) 816-4000 (to whom all communicatively my attorneys to prosecute this applicating patent: Arthur R. Crawford, 25327; Later G. Besha, 22770; Mark E. Nusbaum, 3 and G. Besha, 22770; Mark E. Nusbaum, 3 and 3 2205; Mary J. Wilson, 82955; J. Scolnventor's Signature:   | n of my own knowledge are true are the knowledge that willful false of States Code and that such willful KON & VANDERHYE P.C., 1100 Prications are to be directed), and cation and to transact all business rry S. Nixon, 25640; Robert A. Var 2348; Michael J. Keenan, 32106; E.J. Henon, 33626; Jeffry H. Nelson,  | nd that all statement<br>statements and the<br>Il false statements r<br>North Glebe Rd., 8t<br>It the following attorn<br>in the Patent and Tr<br>derhye, 27076; Jan<br>Bryan H. Davidson, 1<br>30481; John R. 1   | like so made are punishable I<br>nay jeopardize the validity of it<br>h Floor, Arlington, VA 2220'<br>leys thereof (of the same add<br>ademark Office connected th<br>les T. Hosmer, 30184; Rober<br>30251; Stanley C. Spooner, 2<br>stova, 33149; H. Warren Bun  | elief are believed to be<br>by fine or imprisonment<br>the application or any<br>1-4714, telephone<br>ress) individually and<br>lerewith and with the<br>t. W. Faris, 31352,<br>7393; Leonard C.<br>nam, Jr., 29366; Thom           |
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| I herr and both pate number of let resure Rich Mitc. E. B  | eby declare that all statements made herein further that these statements were made with under Section 1001 of Title 18 of the Unite nt issued thereon. And I hereby appoint NI ber (703) 816-4000 (to whom all communicatively my attorneys to prosecute this application application of the communication of  | n of my own knowledge are true are the the knowledge that willful false and states Code and that such willful KON & VANDERHYE P.C., 1100 Notications are to be directed), and tation and to transact all business my S. Nixon, 25640; Robert A. Var 2348; Michael J. Keenan, 32106; E. J. Henon, 33626; Jeffry H. Nelson, it Davidson, 33489; Jerry D. Craig, Mi. Gamagori-city  IPORATION; 1-1, Showa-cho, Kariya-city  IPORATION; 1-1, Showa-cho, Kariya-city  IPORATION; 1-1, Showa-cho, Kariya-city  | nd that all statements ratements and the il false statements roorth Glebe Rd., 8t it the following attom in the Patent and Triderhye, 27076; Jan Bryan H. Davidson, 30481; John R. La, 38026; Alan M. Karosaka (last) (state/country) riya-city, Alchi-pre Kawano (last) (state/country) riya-city, Aichi-pre iriya-city, Aichi-pre iriya- | like so made are punishable in may jeopardize the validity of the Floor, Arlington, VA 2220' eys thereof (of the same addiademark Office connected thes T. Hosmer, 30184; Rober 30251; Stanley C. Spooner, 2 stova, 33149; H. Warren Bungen, 36178; William J. Griffin Date:  Date:  Date:  Ja (citize Japan f., 448 Japan  Date:  Feb 10 1  Ja  Ja  Ja  Ja  Ja  Ja  Ja  Ja  Ja  J  | elief are believed to be by fine or imprisonmer the application or any 1-4714, telephone ress) individually and erewith and with the t. W. Faris, 31352, 27393; Leonard C. nam, Jr., 29366; Thom, 31260 apan enship)                |
| I her and both pate number of let and pate number of let and mitc. E. B  | eby declare that all statements made herein further that these statements were made with under Section 1001 of Title 18 of the Unite nt issued thereon. And I hereby appoint NI ber (703) 816-4000 (to whom all communicatively my attorneys to prosecute this applied thing patent: Arthur R. Crawford, 25327; Later G. Besha, 22770; Mark E. Nusbaum, 3: nard, 29009; Duane M. Byers, 33363; Paulyme, 32205; Mary J. Wilson, 32955; J. Scollinventor's Signature: Inventor:  Residence: (city)  Post Office Address: (Zip Code)  Inventor's Signature: Inventor:  Residence: (city)  Post Office Address: (First)  Residence: (city)  Post Office Address: (Code)  Inventor's Signature: (First)  Residence: (city)  Post Office Address: (First)  Residence: (city)  Post Office Address: (First)  Residence: (city)  Hiroyuki  | m of my own knowledge are true are the the knowledge that willful false and states Code and that such willful KON & VANDERHYE P.C., 1100 Prications are to be directed), and sation and to transact all business my S. Nixon, 25640; Robert A. Var 2348; Michael J. Keenan, 32106; B. J. Henon, 33626; Jeffry H. Nelson to Davidson, 33489; Jerry D. Craig, MI Gamagori-city  MI Gamagori-city  PORATION; 1-1, Showa-cho, Ka   | nd that all statements and the il false statements and the il false statements roorth Glebe Rd., 8t it the following attorn in the Patent and Triderhye, 27076; Jan Bryan H. Davidson, 30481; John R. La, 38026; Alan M. Karlossuka (last) (state/country) riya-city, Alchi-pre Kawano (last) (state/country) riya-city, Alchi-pre valable processor in the country in the cou | like so made are punishable in may jeopardize the validity of the Floor, Arlington, VA 2220' eys thereof (of the same addiademark Office connected thes T. Hosmer, 30184; Rober 30251; Stanley C. Spooner, 2 stova, 33149; H. Warren Bungen, 36178; William J. Griffin Date:  Date:  Date:  Ja (citize Japan f., 448 Japan  Date:  Feb 10 1  Ja  Ja  Ja  Ja  Ja  Ja  Ja  Ja  Ja  J  | elief are believed to be by fine or imprisonment the application or any 1-4714, telephone ress) individually and iterewith and with the tw. Faris, 31352, 27393; Leonard C. nam, Jr., 29366; Thom, 31260 apan eenship)              |
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| I her<br>and<br>both<br>pate<br>num<br>colle<br>resu<br>Rich<br>Mitcl<br>E. B  | eby declare that all statements made herein further that these statements were made with under Section 1001 of Title 18 of the Unite nt issued thereon. And I hereby appoint NI ber (703) 816-4000 (to whom all communicatively my attorneys to prosecute this application application of the communication of  | m of my own knowledge are true are the the knowledge that willful false and states Code and that such willful KON & VANDERHYE P.C., 1100 Prications are to be directed), and sation and to transact all business my S. Nixon, 25640; Robert A. Var 2348; Michael J. Keenan, 32106; B. J. Henon, 33626; Jeffry H. Nelson to Davidson, 33489; Jerry D. Craig, MI Gamagori-city  MI Gamagori-city  PORATION; 1-1, Showa-cho, Ka   | nd that all statements and the il false statements and the il false statements roorth Glebe Rd., 8t it the following attorn in the Patent and Triderhye, 27076; Jan Bryan H. Davidson, 30481; John R. La, 38026; Alan M. Karasana (last) (state/country) riya-city, Alchi-pre Kawano (last) (state/country) riya-city, Alchi-pre Vakabayashi (last) (state/country)  | like so made are punishable in nay jeopardize the validity of the Floor, Arlington, VA 2220' eys thereof (of the same addiademark Office connected thes T. Hosmer, 30184; Rober 30251; Stanley C. Spooner, 2 stova, 33149; H. Warren Bungen, 36178; William J. Griffin, Date:  Date:  Date:  Ja (citize Japan f., 448 Japan  Date:  Feb 10 1  Ja (citize Japan f., 448 Japan  | elief are believed to be by fine or imprisonment the application or any 1-4714, telephone ress) individually and iterewith and with the tw. Faris, 31352, 27393; Leonard C. nam, Jr., 29366; Thom, 31260 apan eenship)              |

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|            |                       | Yashimi           | Nakase                     |                           |                   | Feb. 6.            | 1998        |
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FOR ADDITIONAL INVENTORS, check box x and attach sheet with same information and signature and date for each.

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|              |   |                                |                             |                       |           |       |  |